

— THE —
Annual Report

FOR THE
OXENDON
Rural District Council,

— 1909. —

BY
Charles T. Scott,

Medical Officer of Health.

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Oxendon Rural District.

MEDICAL OFFICER of HEALTH'S ANNUAL REPORT FOR THE YEAR 1909.

GENTLEMEN,

I herewith have the honour to present to you my Annual Report together with the various tables of statistics and the Report of the Sanitary Inspector.

The Area of the District is 32,991 acres and comprises 19 parishes. The total population in the 1901 census numbered 4,202 ; during recent years the birth rate has exceeded the death rate, so that the population may be roughly estimated at the present time to be about 100 persons more. The population of the various parishes varies from 26, in Thorpe Lubenham, to 757, in Welford, the majority being under 200 inhabitants.

The occupation of the inhabitants is mainly connected with grazing and agriculture. There are no factories in the District, and no trades or occupations likely to be detrimental to the health of the inhabitants.

The House Accommodation is, on the whole, adequate and cleanly. Only one house has been built during the year, viz., at Stoke Albany.

A few material improvements have been carried out in the sewage arrangements of the District. The method of dealing with the sewage is, in the main, by means of settling tanks ; these are inspected frequently by the sanitary inspector, and are cleaned out monthly or quarterly as required. The gratings and drains are disinfected each week, and where necessary the sewers are flushed. At Clipston two additional ventilating shafts have been fixed to the sewers. At Sibbertoft the old and inadequate sewer tanks have been abolished, and an entirely fresh system of tanks

has been built some distance further from the village. This is working most satisfactorily, the effluent being particularly clear; considerable difficulty had to be overcome in this connexion, as several springs were encountered in laying the pipes, which had to be diverted into the pipes themselves. At Sulby new sewer works have been carried out with improved filter beds.

No complaints of river or stream pollution have arisen during the year. The nuisance complained of at Ashley in my last report has been satisfactorily remedied. A new sewer chamber has been built and the outfall taken to a lower part of the stream where it is no longer a source of nuisance.

The method of disposal of sewage and refuse is on the whole satisfactory. With the drainage improvements that have taken place during the last few years, various causes of previous complaint in this direction have been removed or materially improved.

The Water Supply of the District is good. The well in Clipston, by the Rectory, has been widened and deepened, and the Artesian well at Farndon has been thoroughly cleansed.

The places over which the Council have control, viz.: slaughter-houses, bakehouses, outworkers' premises, dairies and cow-keepers' premises, have been regularly inspected and are in good order. Nuisances have been few in number, and are mentioned in the appended report of the Sanitary Inspector.

The number of cases of infectious diseases occurring this year is 23 as compared with 11 last year. This is mainly due to an epidemic of scarlet fever at Marston Trussell which lasted from the beginning of August to the middle of November. The Council accepted the kind offer by Mr. Ewins of the use of a cottage as an isolation hospital for the time, and since the middle of November no case of scarlet fever has been notified. There has been no other epidemic of notifiable disease, but school closure was found necessary on two occasions, viz., at Wilbarston and Clipston, on account of measles. I should like

to suggest to the Council the advisability of adopting a resolution instructing the schoolmasters and mistresses to inform me, as medical officer of health, of suspected cases of non-notifiable infectious disease, e.g., measles, whooping-cough, mumps, chicken pox, as recommended but not enforced by the Local Government Board. This would enable me to deal with such outbreaks at their outset; at present I am dependent for such information upon hearsay or casual information whilst visiting the various villages, official information not reaching me till the school authorities send to enquire if the school ought to be closed.

Perusal of the appended tables of statistics calls attention firstly to the increased number of cases of infectious disease. This is, as I have mentioned, due to the small epidemic of scarlet fever at Marston, but as, of the 15 cases, 7 occurred in one family and 5 in another, the epidemic cannot be considered in any way serious. The total births and deaths for the year both closely approximate the average for the last ten years, the births exceeding the deaths by nearly 30. The infant mortality still remains very low, 5 deaths being registered under one year of age; of these, 3 died of pneumonia, one of gastroenteritis, and one from congenital disease. Of the total deaths for the year, considerably over 50 per cent. were persons over 65 years of age—a large number of these over 80 years.

The number of outworkers from the factories is rather smaller than last year—68 as compared with 77. No matter in connection with them has arisen during the year.

I have great pleasure in acknowledging the valuable and skilful aid of the Sanitary Inspector and beg to thank you, gentlemen, for the kindness and courtesy that you have always shewn to myself.

I have the honour to be,

Yours faithfully,

CHARLES T. SCOTT.

TABLE I.—Vital Statistics of the whole district during 1909 and previous years.

YEAR.	Popu- lation estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				Total Deaths in Public Insti- tutions in the District	Deaths of Non- residents register'd in Public Insti- tutions in the District	Deaths of residents register'd in Public Insti- tutions beyond the District	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number	Rate*	Under 1 Year of Age.		At all Ages						
				Number	Rate per 1000 Births register'd	Number	Rate*					
											3	4	5	6	7	8
1	2							9	10	11	Number	Rate*
											12	13
1899	...	4627		89	19.23	9	101.12	66	...	3	69	14.91
1900	...	4627		96	20.74	7	72.91	67	...	5	72	15.55
1901	...	4202		80	19.01	4	50.00	58	...	2	60	14.27
1902	...	4202		90	21.41	6	66.6	66	...	6	72	17.13
1903	...	4202		75	17.84	4	53.3	55	...	2	57	13.56
1904	...	4202		79	18.80	12	151.98	68	...	10	78	18.56
1905	...	4202		86	20.46	11	127.90	68	...	6	74	17.61
1906	...	4202		71	16.89	3	42.25	43	...	4	47	11.18
1907	...	4202		78	18.56	4	51.30	66	...	2	68	16.20
1908	...	4202		91	21.88	2	21.9	53	...	1	54	12.09
Averages for years 1899- 1908.		4287		83.5	19.48	6.2	73.75	61	...	4.1	65.1	15.1
1909	...	4202		80	19.04	5	62.5	54	...	1	55	13.09

* Rates in Columns 4, 8, and 13 calculated per 1000 of estimated population.

Total Population at all ages, 4,202. Number of inhabited houses, 997 } At Census
Average number of persons per house, 4.25. of 1901.

Area of District in acres (exclusive area covered by water), 32,991.

1	2	3
Institutions within the District receiving Sick and infirm persons from outside the District.	Institutions outside the District receiving sick and infirm persons from the District.	Other Institutions, the deaths in which have been distributed among the several localities in the District.
Nil.	Union Workhouse Market Harborough Northampton General Hospital Leicester Infirmary Berrywood Asylum Northampton	Nil.

The Union Workhouse is not within the District.

TABLE II.—Oxendon Rural District.

NAMES OF LOCALITIES.	Whole District 1			Arthingworth 2			Ashley 3			Brampton Ash 4			Braybrooke 5			Clipston 6		
YEAR.	Population esti- mated to middle of each year.	Births regis- tered.	Deaths under ages.	Population esti- mated to middle of each year.	Births regis- tered.	Deaths at all ages.	Population esti- mated to middle of each year.	Births regis- tered.	Deaths at all ages.	Population esti- mated to middle of each year.	Births regis- tered.	Deaths at all ages.	Population esti- mated to middle of each year.	Births regis- tered.	Deaths at all ages.	Population esti- mated to middle of each year.	Births regis- tered.	Deaths under 1 year.
1899	4627	89	69	9	206	1	254	3	5	1	140	3	291	8	4	591	9	1
1900	4627	96	72	7	206	3	254	4	1	...	140	2	294	2	5	591	11	1
1901	4202	80	60	4	146	3	192	3	7	...	112	2	269	4	4	546	7	...
1902	4202	90	72	6	146	5	192	5	0	...	112	2	269	6	3	546	7	...
1903	4202	75	57	4	146	2	192	5	3	...	112	2	269	3	7	546	15	...
1904	4202	79	78	12	146	4	192	2	10	...	112	1	269	4	7	546	7	1
1905	4202	86	74	11	146	3	192	6	7	...	112	1	269	4	6	546	8	...
1906	4202	71	46	3	146	4	192	0	3	...	112	2	269	2	7	546	12	1
1907	4232	78	66	4	146	1	192	3	3	...	112	5	269	5	3	546	5	...
1908	4202	91	53	2	146	5	192	4	2	...	112	3	269	4	4	546	10	...
Averages of Years 1899 to 1908.	4290	83.5	64.7	6.2	158	3.2	204.4	3.6	4.1	.3	117.6	2.3	274	4.2	5	553	9.1	4
1909	4202	80	54	5	146	4	192	2	3	...	112	3	269	6	4	546	5	2

NAMES OF LOCALITIES.	Dingley 7		East Farndon 8		Hothorpe 9		Kelmarsh 10		Marston Trussell 11		Great Oxendon 12	
YEAR.	Population esti- mated to middle of each year.	Births regis- tered.	Population esti- mated to middle of each year.	Births regis- tered.	Population esti- mated to middle of each year.	Births regis- tered.	Population esti- mated to middle of each year.	Births regis- tered.	Population esti- mated to middle of each year.	Births regis- tered.	Population esti- mated to middle of each year.	Births regis- tered.
1899	119	2	224	5	48	...	179	4	169	3	243	3
1900	119	3	224	4	48	...	179	6	169	7	243	7
1901	135	2	204	...	56	...	106	...	157	5	219	6
1902	135	4	204	3	56	...	106	2	157	5	219	5
1903	135	4	204	3	56	...	106	4	157	5	219	2
1904	135	...	204	3	56	...	106	1	157	5	219	1
1905	135	3	204	1	56	...	106	3	157	2	219	3
1906	135	7	204	1	56	...	106	1	157	6	219	2
1907	135	4	204	3	56	...	106	5	157	4	219	4
1908	135	2	204	6	56	...	106	2	157	4	219	1
Averages of Years 1899 to 1908.	131.8	3.1	208	2.9	54.4	1.2	120.6	2.8	159.4	4.6	223.8	3.6
1909	135	4	204	5	56	...	106	4	157	3	219	2

NAMES OF LOCALITIES.	Sibbertoft 13		Stoke Albany 14		Sulby 15		Sutton Bassett 16		Thorpe Lubenham 17		Welford 18	
YEAR.	Population esti- mated to middle of each year.	Births regis- tered.	Population esti- mated to middle of each year.	Births regis- tered.	Population esti- mated to middle of each year.	Births regis- tered.	Population esti- mated to middle of each year.	Births regis- tered.	Population esti- mated to middle of each year.	Births regis- tered.	Population esti- mated to middle of each year.	Births regis- tered.
1899	250	3	286	8	60	1	89	3	7	...	882	16
1900	250	4	286	7	60	...	89	...	7	...	882	22
1901	238	5	279	12	75	...	82	...	26	...	757	11
1902	238	6	279	7	75	...	82	...	26	...	757	21
1903	238	1	279	5	75	...	82	...	26	...	757	13
1904	238	3	279	8	75	3	82	...	26	...	757	23
1905	238	5	279	7	75	...	82	...	26	...	757	15
1906	238	2	279	10	75	...	82	...	26	...	757	12
1907	238	4	279	4	75	2	82	...	26	...	757	10
1908	238	...	279	8	75	1	82	...	26	...	757	13
Averages of Years 1899 to 1908.	240.4	3.5	280.4	7.6	72	1.1	83.4	1.9	22.2	...	782	16.6
1909	238	7	279	6	75	2	82	1	26	...	757	8

NAMES OF LOCALITIES.	Weston-by- Welland 19			Wilbarston 20			Pipewell 21		
YEAR.	Population esti- mated to middle of each year.	Births regis- tered.	Deaths under ages.	Population esti- mated to middle of each year.	Births regis- tered.	Deaths at all ages.	Population esti- mated to middle of each year.	Births regis- tered.	Deaths at all ages.
1899	177	3	1	430	11	5	...	...	...
1900	177	3	...	430	11	7	...	1	...
1901	155	2	...	448	8	7	...	1	...
1902	155	1	...	448	11	13	...	...	...
1903	155	...	...	448	6	4	...	...	...
1904	155	2	...	448	9	13	...	...	...
1905	155	6	...	448	15	8	...	...	...
1906	155	...	...	448	7	3	...	...	...
1907	155	6	...	448	8	4	...	...	...
1908	155	5	...	448	9	4	...	...	...
Averages of Years 1899 to 1908.	159.4	2.9	.1	444.4	9.5	6.8	...	.6	...
1909	155	2	...	448	16	5	...	...	...

TABLE III.—Cases of Infectious Disease notified during the Year 1909.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.							NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY	
	At all Ages.	At Ages—Years.						1	2	3	4	5	6	7	1	
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards	Clipston	Weston	Sutton	Marston	Dingley	Sibbertoft		Total cases removed to Hospital.	
Small-pox	Nil.
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous Group) ...	3	...	...	..	2	1	...	1	2	...	...	...	..	...	...
Erysipelas ...	3	...	...	...	...	2	1	1	1	1	...	...	...	...	...
Scarlet Fever...	16	...	4	11	1	..	...	...	...	...	15	1	..	...	..
Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Relapsing Fever	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
Continued Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	23	...	4	11	4	3	1	2	3	1	15	1	1	Nil.

No Isolation Hospital.

TABLE IV.—Causes of, and Ages at, Death during the Year 1909.

CAUSES OF DEATH.	DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING IN OR BEYOND THE DISTRICT.							DEATHS AT ALL AGES OF "RESIDENTS" BELONGING TO LOCALITIES, WHETHER OCCURING IN OR BEYOND THE DISTRICT.																					
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	All Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and up- wards	Arthing- worth	Ashley	Brampton Ash	Braybrooke	Clipston	Dingley	E. Farndon	Kelmarsh	Marston	Oxendon	Sibbertoft	Stoke	Sulby	Welford	Weston	Wilbarston						
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping-cough .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Croup .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Fever { Typhus .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Continued .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Epidemic Influenza	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
Cholera .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoea .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteritis .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gastritis	3	1	..	..	1	..	1	..	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phthisis (Pulmonary Tuberculosis)	1	..	..	..	1	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other tuberculous diseases .. ..	..	..	..	..	..	2	4	..	..	..	..	1	..	..	..	..	1	1	..	..	1	..	1	..	..	..	..	..	..
Cancer, malignant disease	6	..	..	..	..	2	4	..	..	..	..	1	..	..	..	..	1	1	..	..	1	..	1	..	..	..	..	..	..
Bronchitis	6	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	..	1	1	3	..	1	..	..	..	..	..	..	..
Pneumonia	4	3	..	..	..	..	1	..	..	..	..	1	..	..	..	1	..	..	..	..	1	..	1	..	..	..	..	..	..
Pleurisy .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other diseases of respira- tory organs .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alcoholism .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cirrhosis of Liver .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Venereal Diseases .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Premature Birth .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diseases and accidents of parturition .. ..	..	..	..	..	..	..	..	..	1	1	2	2	..	..	1	..	..	..	2	..	1	1	1	..	..	..	..	..	..
Heart diseases	12	1	..	..	1	2	8	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Accidents	2	..	..	..	..	2	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Suicides .. ..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis	1	..	1	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Nephritis	3	..	..	..	..	1	2	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Cerebral tumour... ..	1	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	1	..	..	..	2	..	1	..	..	..	..	..	..
Senility	4	..	..	..	..	..	4	..	..	..	2	..	..	..	..	..	1	3	..	..	3	1	..	..	..	..	..	..	..
Other causes	10	..	..	..	..	1	8	..	..	..	2	..	..	..	..	..	1	3	..	..	3	1	..	..	..	..	..	..	..
All causes	55	5	1	1	3	9	36	1	3	1	4	6	1	3	3	2	3	5	3	1	12	2	5	..	..	..	..	..	..

TABLE V.—Infantile Mortality during the Year 1909.

CAUSE OF DEATH.					Under 1 week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year
All Causes	Certified	...	...	...	1	..	..	..	1	..	1	..	..	1	..	..	1	..	1	..	5
	Uncertified	...	...	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Common Infectious Diseases	Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Chicken-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diphtheria (including Membranous Croup)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhœal Diseases	Whooping Cough	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Diarrhœa, all form	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1
	Enteritis, Muco-Enteritis, Gastro-Enteritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wasting Diseases	Gastritis, Gastro-intestinal Catarrh	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Premature Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Congenital Defects	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
	Injury at Birth	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Want of Breast Milk, starvation	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculous Diseases	Atrophy, Debility, Marasmus	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tuberculous Meningitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tuberculous Peritonitis : Tabes Mesenterica	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Other Tuberculous Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes	Syphilis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Rickets	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Meningitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Convulsions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Bronchitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Laryngitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..
	Pneumonia	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	1	..	3
	Suffocation, overlaying	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Other Causes	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
					1	..	..	..	1	..	1	..	..	1	..	..	1	..	1	..	5

Births in the year—legitimate 79, illegitimate 1.

Population, estimated to middle of 1909, 4,202.

Deaths in the year of legitimate infants 5, illegitimate ...

Deaths from all causes at all ages, 54.

Factories, Workshops, Laundries, Workplaces and Homework.

1.—INSPECTION.

Including Inspections made by Sanitary Inspector or Inspectors of Nuisances.

Factories (including Factory Laundries), No. of Inspections **Nil.**
Workshops (including Workshop Laundries), No. of Inspections **6.**
Workplaces (other than outworkers' premises included in part 3 of this report) No. of inspections **1.**

TOTAL .. 7.

2.—DEFECTS FOUND.

Nuisance ..	..	..	..	1
Remedied ..	..	..	..	1

3.—HOMEWORK.

Outworkers' Lists, Section 107—

	Wearing Apparel, making, &c.		
	Lists.	Outworkers. Workmen.	
	2	45	23
Lists received from Employers twice in a year		
Addresses of Outworkers received from other Councils	4	
Inspections of Outworkers' Premises	68	

4.—REGISTERED WORKSHOPS

Bakehouses 10, Carpenters 5, Laundry 1, Dressmaker 1.
Total number on Register, **17.**



OXENDON RURAL DISTRICT COUNCIL.

SANITARY INSPECTOR'S AND SURVEYOR'S REPORT FOR 1909.

PARISH.	Defective Drains.	Defective (Joints.	Accumulation of Manure, etc.	Sewer Improvements.	Sewer Tanks Cleansed.	Sewer Outfalls Cleansed.			Overcrowding.	Ventilation of Drains & Sewers.	Slaughter Houses.	Bakehouses.	Dairy-men and Cowkeepers.	Factory (Workmen.		Houses Built.	REMARKS.
						Sewer Tanks Cleansed.	Sewer Outfalls Cleansed.	Overcrowding.						1st Half year	2nd Half year		
Arthingworth	Ashley.—New sewer chamber and filter have been built, and the outfall taken to lower part of the brook.
Ashley	1	monthly	..	..	..	..	..	1	..	..	..	..	..
Brampton	Private	..	..	..	..	..	..	..	..	..	..	..
Braybrooke	2	..	..	..	..	..	..	2	..	..	1	2	..	..	..	..
Clipston	..	4	quart'ly	quart'ly	3	3	2	Clipston.—The water supply to the centre of the village has been increased by lowering the well by Rectory, 10 feet deeper and 2 feet wider. Two additional ventilating shafts have been fixed to the sewers.
Dingley	..	1	..	..	Private	..	..	..	..	..	..	..	..	..	..	..
East Farndon	..	2	1	..	quart'ly	quart'ly	..	..	..	..	1	1	1	..	..	..
Kelmarsh	Private	..	..	..	..	..	..	..	..	..	..	..
Marston Trussell	2	..	monthly	1	Farndon.—The artesian well has been thoroughly cleaned out.
Hothorpe	
Oxendon	..	2	quart'ly	quart'ly	1	Sibbertoft.—The old sewer tanks have been abolished, sewer outfall taken away from the village to new sewer chambers and filters.
Sibbertoft	1	monthly	monthly	..	..	..	..	..	1	..	..	..	..
Sulby	..	1	..	..	monthly	monthly	..	..	..	..	..	..	..	..	..	..
Stoke Albany	..	6	..	..	quart'ly	quart'ly	..	1	..	..	1	1	..	..	1	..
Sutton Bassett	quart'ly	quart'ly	Sulby.—Further sewer works have been executed, including proper filters.
ThorpeLubenham	
Weston	..	1	quart'ly	quart'ly	1	Stoke Albany.—It is proposed to improve the central portion of this sewer in the early spring.
Wilbarston	..	1	2	..	quart'ly	quart'ly	..	1	..	..	2	2	..	..	..	..
Welford	..	2	2	..	monthly	monthly	..	..	1	..	2	3	4	..	..	..
TOTAL	..	22	4	3	4			2	4	8	14	8	34	34	1	1	

The whole District has been personally inspected by me during the year. Nuisances found have been remedied. Infectious cases been frequently visited, and properly disinfected. The Council's Disinfecter has been used. Drains and sewers are flushed and disinfected as found necessary. Three Cowhouses have had improved drainage carried out. Outworkers' premises and Bakehouses and Slaughterhouses are in good condition.

The Water Supply of Stoke was very low early in the year, but has regained its normal quantity. Public wells have had constant attention, the supply of water being equal to the demand.

W. J. SMITH,

January 27th, 1910.

Sanitary Inspector and Surveyor.

